

DOVE
SPECULUM ANNI
ORAN ~~532 A.D.~~
ALMANACK
For the Year of our
LORD GOD.
1681. ~~PT. 2. 12. 65~~

Being the first after Bissextile or Leap-year, and from the worlds Creation 5684.

Wherein is contained a Chronology, the Planets Aspects, Eclipses, Terms, Inclination of the Air, with other things of note.

Calculated properly for the famous University and Town of Cambridge, where the North Pole is elevated above the Horizon 52 degr. and 17 min.

But may indifferently serve for any place within this Kingdom.

Non nobis solum nati sumus.

C A M B R I D G E,
Printed by John Hayes, Printer to the
University, 1681.

H. H. Hayes

The vulgar notes and moveable Feasts for
this year 1681. in both accounts, Viz.

Julian or
English.

	10	The Golden Number
	10	The Cycle of the Sun
	20	The Epact
	20	The Dominical Letter
Feb.	13	Shrove-Sunday
April	3	Easter-day
May	12	Ascension-day
May	23	Whitsunday
May	29	Trinity-Sunday
Nov.	27	Advent-Sunday

Gregorian
or Foreign.

10	10
10	10
10	10
10	10
Febr.	16
Apr.	6
May	15
May	25
June	1
Novem.	30

A Table of the four Terms and their Returns.

Hillary Term	Begins Jan. 24.	Ostab. Hill. Jan. 20.
	hath 4 Returns.	Quind. Hill. Jan. 27.
	Ends Febr. 12.	Craft. Purif. Feb. 3.
Easter Term	Begins April 20.	Octab. Purif. Feb. 10.
	hath 5 Returns.	Quind. Pasch. Apr. 18.
	Ends May 16.	Tres. Pasch. Apr. 26.
Trinity Term	Begins June 3.	Mens. Pasch. May 2.
	hath 4 Returns.	Quing. Pasch. May 9.
	Ends June 22.	Craft. Ascen. May 13.
Michael. Term	Begins Octob. 24.	Craft. Trinit. May 30.
	hath 6 Returns.	Ostab. Trin. June 6.
	Ends Novem. 28.	Quind. Trin. June 13.
		Tres. Trin. June 20.
		Mens. Mich. Octob. 20.
		Craft. Anim. Nov. 3.
		Craft. Mart. Nov. 12.
		Ostab. Mart. Nov. 19.
		Quind. Mart. Nov. 25.

Note that the Exchequer openeth 8 days before any Term, except the Term of Trinity, in which it openeth but 4 days before.

Dove 1681.

The Anatomy of Mans body.



The Names and Characters of the twelve Signs.

- | | |
|---------------------------|--------------------------|
| V Aries Head and Face | ≈ Libra Reins and Loynes |
| ♂ Taurus Neck & Throat | ≈ Scorpio Secret members |
| II Gemini Arms and Shoul. | ≈ Sagittarius the Thighs |
| § Cancer Breast and Stom. | ≈ Capricornus the Knees |
| Λ Leo Heart and Back | ≈ Aquarius the Legs |
| π Virgo Bowels and Belly | ≈ Pisces the Feet. |

The Sun's entrance into the four Cardinal Signs.

He enters Aries March 9, 38 min. past 8 at night.

He enters Cancer June 10, 48 min. past 9 at night.

He enters Libra Sept. 12, 51 min. past 2 afternoon.

He enters Capricorn Decem. 11, 57 m. p. st 2 morn.

Note that the Splendid Planet *Venus* is our bright evening Star from the beginning of the year unto the 18 of June; and thence (having made her Conjunction with the Sun) She becomes Oriental, and our glorious morning Star to the end of the year. A 2

A brief account of the most remarkable
passages which have happened in
England since the year, 1640.

Time ex-
pired this
year 1681.

- 1640 The long Parliament began Nov. 2. The Earl of Strafford beheaded May 12 following. 41
- 1641 May 2 the Prince of Orange was married to the Lady Mary. The same year Octob. 23 the Rebellion in Ireland began. 40
- 1642 Sir J. Hotham denies the King entrance into Hull. 39
The Earl of Essex made general for the Parliament.
The King setteth up his Standard at Nottingham.
The battel at Edge-Hill October 23, where above 5000 were slain.
Braintree Fight November 13 and 14.
- 1643 The Lord Brook shot in the eye. 38
The Battel on Hopton-Heath, March 18
Cheapside-Cross demolished, and an Act passed for an Assembly of Divines to settle Religion, and likewise a vote for a new Great Seal.
Sir William Waller routed by the Kings forces.
The first Battel at Newbury, September 20.
The Covenant (that Bond of iniquity) taken by the house of Commons, September 25.
- 1644 The Scotch-Army of 10000 Horse and Foot entered England. Marston-moor fight July 2, where above 7000 were slain. 37
This year came divers Ambassadors from France, Holland and Spain, to mediate between the King and Parliament.
Newbury second Battel, Octob. 27.
3 Suns seen in London, Novemb. 19.

Sir

Sir Thomas Fairfax made General in the room of
Essex.

- 1645 The Arch-Bishop of Cant. beheaded Jan. 10. 36
The Parliament vote that the clause for preservation
of his Majesties person should be left out of Sir Tho
Fairfax his Commission, March 24.
Oxford closely besieged, May 22.
The fatal Battel at Naseby, June 14.
Carlisle after a long siege delivered to the Scots.
Bristol surrendered September 11. Routon-Heath Batt
tel, September 24.
Basing House taken by storm, October 14.
Dartmouth stormed and taken, and Belvoire-Castle
surrendred.
His Royal Majesty offered at this time to come to the
Parliament, and advise with them for the good of
the Nation upon reasonable conditions, but they
would not consent to it.
- 1646 The Earl of Essex died September 14. 35
The treacherous Scots sold the King to the Parlia
ment for 400000 pounds.
- 1647 His Majesty was brought prisoner to Holmby, 34
Feb. 17.
The City declares against the Army, but upon the
Armies approach they submit.
- 1648 The Parliament vote that no further addresses be 33
made to the King, January 30.
Part of the Navy declare for the King, May 27.
Maidstone fight, May 31. The Welch-Army of 8400
routed by Col. Horton.
- Duke Hamilton entered England with an Army for hi
Majesty Colchester yielded, Sir Charles Lucas and
Sir George Lisle shot to death, August 28.
The Treaty began in the Isle of Wight, Septem
ber 18.
An Ordinance nominating divers persons to try

Dove 1681.

- the King December 28, being tendered to the Lords
was by them refused.
- 1649 The pretended High Court of Justice proclaimed 32
Jan. 9.
- His Royal Majesty most barbarously murdered,
Jan. 30.
- 1650 The Kings Statue erected in the Royal Exchange. 31
broken down by the Usurpers, *Aug. 10.*
A great fight at Dunbar in Scotland, *Septemb. 3*
- 1651 King Charles II Crowned at Schoon in Scotland 30
Jan. 1.
- The Scotch Army again enter England, *Aug. 8.*
Worcester fight *Septemb. 3.* 3000 slain and 10000
taken prisoners.
- 1652 A great Sea fight between the English and Dutch, 29
wherein the Dutch were worsted.
- 1653 The Rump Parliament dissolved by the Army, 28
April 10.
- A second fight between the English and Dutch,
June, 2, 3.
- A third fight *July 29* and *30*, wherein Venramp was
slain.
- 1654 Oliver the Tyrant summoned a Parliament, Sep. 3 27
and dissolved it again the 22 of January following,
he was proclaimed Protectour *June 26.*
- 1656 The River of Thames ebbed and flowed twice in 325
hours, *October 3.*
- 1658 Dunkirk surrendered to the English, *June 25.* 23
Oliver died *September*, and the next day his son was
proclaimed Protect ur.
- 1659 White-hall and Somerset-house voted to be sold 22
May 16. Sir George Booth up in Cheshire, *Aug. 1.*
- 1660 The Lord General Monk marcheth from Scotland to 21
London.
- The excluded Members restored, *February 24.*
- Admiral Montague with the whole Navy submit to his
Ma

Dove 1681.

Majesty, May 3, and the 8 his Majesty was proclaimed in London, the 25 he landed at Dover, and the 29 at White-hall.	
General Monk created Duke of Albemarle, July 12.	
The Duke of Gloucester died, September 13.	
About this time many of the Regicides were executed.	
The Queen mother returned to Whitehall, November 2.	
1661 King Charles II Crowned at Westminster April 23. 20	
The Queen of Bohemia came to London, May 17.	
1662 Queen Katherine landed at Portsmouth May 14, and 19 the 23 of Aug. following she came to White-hall.	
1664 The House of Commons voted his Majesty a supply of 250000 pounds sterling. 17	
Three Comets appeared in a short time.	
1665 The great Plague in London began Apr. 25, whereof 16 died 10000.	
A great fight between the Eng. and Dutch June 3, wherein the Dutch were beaten.	
The Parliament voted his Majesty a supply of 125000 pounds, October 11.	
1666 Another fight between the English and Dutch June 15 2, 3, 4, a third fight in Aug. following.	
The sad fire in London which burned within the walls 87 Parishes, & much building without. Sept. 3, 4, 5, 6.	
1672 War proclaimed against the Dutch, March 28. 9	
1673 Several sea fights between the English and Dutch. 8	
1674 A Peace concluded between the English and Dutch, Feb. 9. 7	
The Duke of Monmouth Installed Chancellor of Camb. Septemb. 2.	
1677 The Prince of Orange married to the Lady Mary Novem. 4. 4	
1678 Sir Edmund-Bury Godfrey murdered Octob. 3	

January hath xxxi days.

Last quarter 1 day, 34 min. past 3 afternoon

New moon 9 day, 53 min. past 7 at night

First quarter 17 day, 29 min. past 4 in the morning

Full moon 23 day, 7 min. past 10 at night

Last quarter 31 day, 20 min. past noon.

1	a	Circumcision	Libra	20	22	5	Sharp frosty
2	b	2 Sun. af.Chr.	Scorp.	2	33	6	weather.
3	c	Octab. John		14	24	8	$\Delta \delta \odot$ 7. m.
4	d	Octab. Innoc.		25	25	9	
5	e	Edward	Sagitt.	8	26	10	Cold abates.
6	f	Epiphany		19	27	11	ϑ Stat.ad Dir.
7	g	Ced. bis.Lond.	Capr.	1	28	12	
8	a	William		14	29	14	ϱ max dis. $\Delta \odot$
9	b	1 aft. Epiph.		26	o $\pi\pi$	15	Windy clear
10	c	Paul Hermit	Aquar.	8	1	16	and temperate
11	d	Higintus		21	2	17	weather.
12	e	Arcadius	Pisc.	4	3	18	$\square \mathbb{X} \vartheta$ 7. m.
13	f	Hillary Bish.		17	4	19	ϑ \wp .
14	g	Felicia	Aries	1	5	20	ϑ Stat.ad Rx.
15	a	Mauretius		14	6	21	$\Delta \mathbb{X} \odot$
16	b	2 aft. Epiph.		28	7	22	
17	c	Anthony	Taur.	12	8	23	
18	d	Prisca		26	9	24	
19	e	wolstan	Gem.	10	10	25	High winds
20	f	Octab. Hilar.		25	11	26	with snow.
21	g	Agnes Virg.	Canc.	9	12	27	$\Delta \mathbb{H} \vartheta$ o. m.
22	a	Vincent		24	13	28	$\mathfrak{D} \mathbb{H} \vartheta$ 10. p.
23	b	3 aft. Epiph.	Leo	8	14	29	Much snow
24	c	Term begins		22	15	30	but not very
25	d	Conv. S. Paul	Virgo	6	16	30	\mathbb{X} Stat.ad Di.
26	e	Polycarpus		20	17	31	$\mathfrak{D} \mathbb{X} \vartheta$ 9. m.
27	f	Quind. Hilar.	Libra	3	18	32	$\Delta \delta \mathfrak{h}$.
28	g	Carol. mag.		15	19	33	cold for the
29	a	Gildas Ab.		28	20	33	season.
30	b	E.Cha. I. Mar.	Scorp.	10	21	34	
31	c	Adamant		22	22	35	

No sooner doth the old year's cold expire,
 But a new year comes with more fierce attire;
 Whose more rigid habit, and paler face,
 The splendor of his youthfull days disgrace.

1	8	4	3	56
2	8	3	3	57
3	8	2	3	58
4	8	0	4	0
5	7	59	4	1
6	7	58	4	2
7	7	57	4	3
8	7	55	4	5
9	7	54	4	6
10	7	52	4	8
11	7	51	4	9
12	7	50	4	10
13	7	48	4	12
14	7	47	4	13
15	7	46	4	14
16	7	45	4	15
17	7	44	4	16
18	7	42	4	18
19	7	40	4	20
20	7	39	4	22
21	7	36	4	24
22	7	34	4	26
23	7	32	4	28
24	7	30	4	30
25	7	28	4	32
26	7	26	4	34
27	7	24	4	36
28	7	22	4	38
29	7	20	4	40
30	7	18	4	42
31	7	16	4	44

January 1681.

February hath xxviii days.

New moon 8 day, 2 min. after noon

First quarter the 15 day, 23 min. past noon

Full moon the 22 day, 17 min. past 11 beforenoon

M.D.	D.	Festival days with Terms	Moons place.	○ plac. d. m.	Inclination of the air.
1	d	Agatius	Sagit.	4 23 35	Good season-
2	e	Purification		15 24 36	able snowy
3	f	Craft. Purif.		27 25 37	△ ♀ ♀ 4. p.
4	g	Gilbertus	Capr.	9 26 37	weather.
5	a	Agatha		22 27 38	* ♀ ♀ 6. p.
6	b	Sexagesima	Aquar.	4 28 38	Something
7	c	Wimwald		17 29 39	colder now.
8	d	Bun in Pisces	Pisces	0 0 39	▷ U.
9	e	Apsilonionia		14 1 40	
10	f	Octab. Purif.		27 2 40	
11	g	Euphrosyna	Aries	11 3 40	
12	a	Term ends		25 4 41	
13	b	Shrove Sund.	Taur.	9 5 41	■ h ♀ 18. p.
14	c	Valentine		24 6 41	Cold rainy
15	d	Shrove tuesd.	Gem.	7 7 42	weather with
16	e	Ash wednesd.		21 8 42	some snow.
17	f	Finia	Canc.	5 9 42	
18	g	Himton		19 10 42	
19	a	Aeta	Leo	3 11 42	
20	b	1 Sun. in Lent		17 12 42	
21	c	Cimbret	Virgo	1 13 42	Windy with
22	d	Cathedr. Petri		15 14 42	■ ♀ ♀ 6. m.
23	e	Ember week		28 15 42	snow, but pret-
24	f	S. Matthias	Libra	11 16 42	ty warm for
25	g	Johannes		23 17 42	the season.
26	a	Alexander	Scorp.	6 18 42	
27	b	2 Sun. in lent		18 19 42	
28	c	Wimwald B.Y.	Sagit.	0 20 42	

The Heavens now do weep, and steep the Earth,
 And snows keep warm things of a forward birth
 Making Earth fit to entertain the Spring,
 When Plants, Beasts, Fish, & Fowl their like do bring.

1	7	14	4	46
2	7	12	4	48
3	7	10	4	50
4	7	8	4	52
5	7	6	4	54
6	7	4	4	56
7	7	2	4	58
8	7	0	5	0
9	6	58	5	2
10	6	56	5	4
11	6	54	5	6
12	6	52	5	8
13	6	50	5	10
14	6	48	5	12
15	6	46	5	14
16	6	44	5	16
17	6	42	5	18
18	6	40	5	20
19	6	38	5	22
20	6	36	5	24
21	6	34	5	26
22	6	32	5	28
23	6	30	5	30
24	6	28	5	32
25	6	26	5	34
26	6	24	5	36
27	6	22	5	38
28	6	20	5	40

February 1681.

March hath xxxi days.

Last quart. 2 day, 47 min. past 9 in the morning
 New moon 10 day, 44 min. past 12 in the morning
 First quarter 16 day, 46 min. past 6 at night
 Full moon 24 day, 25 min. past 1 in the morning.

1	D	David	Sagit.	12	21	41	Windy boisterous rainy
2	E	Thed		23	22	41	○○♀ 9. p.
3	F	Lucius	Capr.	5	23	41	weather.
4	G	menloc. Ab.		17	24	40	△♂ ♀ 10. p.
5	A	wilgite	Aquar.	0	25	40	
6	B	3 sund.in lent		12	26	40	
7	C	Aquinas	Pisces	25	27	39	
8	D	Perpetua		8	28	39	
9	E	francisca		22	29	38	
10	F	sun in Aries	Aries	6	0	38	Indifferent
11	G	Dswin		20	1	37	warm but
12	A	Gregory	Taur.	5	2	36	* ♀ 4. 2.
13	B	Midlent Sun.		19	3	36	windy and
14	C	Teonulph	Gem.	4	4	35	turbulent.
15	D	Aristobulus		18	5	34	◻ h ♀ 5. 2.
16	E	Alrede Ab.	Canc.	2	6	33	
17	F	Patrick		16	7	33	
18	G	Edward B.	Leo	0	8	32	
19	A	Joseph		13	9	31	
20	B	3 sun. in Len.		27	10	30	* ○ ♀ 7. p.
21	C	Benedict	Virgo	10	11	29	D 88.
22	D	Wibrodus		23	12	28	
23	E	Egbert	Libra	6	13	27	
24	F	Lanfranc		19	14	26	Cold and
25	G	Lady day	Scorp.	2	15	25	cloudy with
26	A	william Nor.		14	16	24	◻ h ○ .
27	B	Palm Sunday		26	17	23	rain about
28	C	fremund	Sagit.	8	18	22	△♂ ♀ 9. 2.
29	D	Waldred		20	19	20	◻ ♂ ♀
30	E	Patrone	Capr.	1	20	19	this time.
31	F	Adelme		13	21	18	

Variable weather now expect to find,
 Sometimes cold & churlish, sometimes mild & kind ;
 For now fierce *Hyem* all his force doth bring,
 To stop the progress of the pleasant Spring.

March 1681.

	Sun-rising,	18	5	42
1	6	16	5	44
2	6	14	5	46
3	6	12	5	48
4	6	10	5	50
5	6	8	5	52
6	6	6	5	54
7	6	4	5	56
8	6	2	5	58
9	6	0	6	60
10	5	58	6	2
11	5	56	6	4
12	5	54	6	6
13	5	52	6	8
14	5	50	6	10
15	5	48	6	12
16	5	46	6	14
17	5	44	6	16
18	5	42	6	18
19	5	40	6	20
20	5	38	6	22
21	5	36	6	24
22	5	34	6	26
23	5	32	6	28
24	5	30	6	30
25	5	28	6	32
26	5	26	6	34
27	5	24	6	36
28	5	22	6	38
29	5	20	6	40
30	5	18	5	42
31	5			

April hath xxx days.

Last quarter 1 day, 16 min. past 6 in the morning

New moon 8 day, 4 min. past 11 before noon

First quarter 15 day, 25 min. past 1 in the morning

Full moon 22 day, 30 min. past 4 afternoon

Last quarter 30 day, 35 min. past 7 at night.

1	g	Good friday	Capr.	25	22 16	Good season-
2	a	Crucifixion	Aquar.	8	23 15	able mild & show-
3	w	Easter day		20	24 13	ry Weather,
4	c	Quiere	Pise.	3	25 12	but variable.
5	d	Vincent		16	26 10	U
6	e	Ethelwold	Aries	0	27 9	♂ Stat. ad di.
7	f	Higine Ab.		14	28 7	♂ ♀ ♀ 10.p.
8	g	Cesippus		20	29 6	♀ Stat. ad Rx.
9	g	Sun in Taurus	Taur.	14	0 4	
10	w	Low Sunday		29	1 2	
11	c	Leo Pope	Gem.	14	2 1	
12	d	Dugh		28	2 59	Windy & dry.
13	e	Justine	Canc.	13	3 57	
14	f	Tiburtius		27	4 55	Δ ♂ ⊙ 3.2.
15	g	Oswald	Leo	10	5 53	
16	a	Trans. Alban		24	6 52	
17	w	2 aft. Easter	Virgo	7	7 50	♂ ⊖ ♀ 4.2. D ⚡
18	c	Quind. Pasc.		20	8 48	
19	d	Elphege	Libra	3	9 46	
20	e	Term begins		15	10 44	
21	f	Anselm		28	11 42	
22	g	Hoter	Scorp.	10	12 40	
23	a	S. GEORGE		22	13 38	
24	w	3 Sun. af. East.	Sagit.	4	14 36	Moist and tur-
25	c	S. Mar. Evan.		16	15 34	bulent about
26	d	Tres Pasch.		28	16 31	this time.
27	e	Walburg	Capr.	10	17 29	
28	f	Vitalis		22	18 27	* ♀ ♀ 1.a.
29	g	Peter Mart.	Aquar.	4	19 25	(*) h ⊖ 1.p.
30	a	Erkenwald		16	20 23	

The Heavens now their richer Treasures spend
 On the languid craving Earth, to the end
 It may revive, and copiously produce
 Things, both for delight and necessary use.

	5	16	6	44
	5	14	5	46
	5	12	6	48
1	5	10	5	50
2	5	8	6	52
3	5	6	6	54
4	5	4	6	56
5	5	2	6	58
6	5	0	7	0
7	4	58	7	2
8	4	56	7	4
9	4	54	7	6
10	4	52	7	8
11	4	50	7	10
12	4	48	7	12
13	4	46	7	14
14	4	45	7	15
15	4	43	7	17
16	4	41	7	19
17	4	39	7	21
18	4	38	7	23
19	4	36	7	24
20	4	34	7	26
21	4	33	7	27
22	4	31	7	29
23	4	30	7	30
24	4	28	7	32
25	4	26	7	34
26	4	25	7	35
27	4	23	7	37

April 1681.

May hath xxxi days.

New moon 7 day, 12 min. past 7 at night
 First quarter 14 day, at 11 before noon
 Full moon 22 day, 59 min. past 7 in the morning
 Last quarter 30 day, 42 min. past 8 in the morning.

1	W	Phil. & Jac.	Aquar.	28	21 20		
2	C	Mensl. Pasch.	Pisc.	11	22 18	D	♀.
3	D	Invent. Crucis		25	23 16		
4	E	Monica	Aries	8	24 13	♀ Star. addir.	
5	F	Aligive		23	25 11	Windy and	
6	G	Joh. Port. Lat.	Taur.	7	26 8	wet at the	
7	A	Stantflaus		22	27 6	beginning.	
8	W	Rogation Sun.	Gem.	7	28 3		
9	C	Quinq. Pasch.		23	29 1		
10	D	Epimacius	Canc.	7	29 58	Indifferent	
11	E	Sun in Gem.		22	0 II 56	warm & clear	
12	F	Holy Thursd.	Leo	7	1 53	weather wkh	
13	G	Craft. Ascen.		20	2 51	winds.	
14	A	Boniface	Virg.	4	3 48		
15	W	Sun. aft. Asc.		17	4 46	D	♂.
16	C	Term ends	Libra	0	5 43		
17	D	Hotolph		13	6 40		
18	E	Hewahl Bis.		25	7 38		
19	F	udentiana	Scorp.	7	8 35	△ ♂ ♀ 1. p.	
20	G	Ethelbert		19	9 32	* ♂ ♀	
21	A	Gedwick	Sagit.	1	10 30	Windy show-	
22	W	Whitsunday		13	11 27	ery and hot	
23	C	William Roch.		25	12 24	* h ♀ 10. p.	
24	D	Joan Widow	Capr.	7	13 21	towards the	
25	E	Ember week		18	14 19	end.	
26	F	Austin B. C.	Aquar.	1	15 16		
27	G	Beda Priest		13	16 13	* ♂ ♀ o.	
28	A	Jonas Ab.		25	17 10	♀ Stat. ad Rx.	
29	W	Trinity Sund.	K.Ch. 2 n.	18	7	D	♀
30	C	Craft. Trin.	Pisces	20	19 5	□ ○ ♂ s. p.	
31	D	Petronella	Aries	3	20 2		

See now a verdant Resurrection day,
 Of the basest seeds, which buried lay
 Underneath the cold clods, so close inhum'd;
 As if such glory they could ne're assum'd.

1	4	22	7	38
2	4	21	7	39
3	4	19	7	41
4	4	17	7	43
5	4	16	7	44
6	4	14	7	46
7	4	12	7	48
8	4	11	7	49
9	4	9	7	51
10	4	7	7	53
11	4	6	7	54
12	4	3	7	55
13	4	4	7	56
14	4	2	7	58
15	4	1	7	59
16	4	0	8	0
17	3	59	8	1
18	3	58	8	2
19	3	57	8	3
20	3	56	8	4
21	3	55	8	5
22	3	54	8	6
23	3	53	8	7
24	3	52	3	8
25	3	51	8	9
26	3	50	8	10
27	3	49	8	11
28	3	48	8	12
29	3	47	8	13
30	3	46	8	14
31	3	46	8	14

May 1681.

B

June hath xxx days.

New moon 6 day, 8 min. past 1 in the morning

First quarter 12 day, 54 min. past 8 at night

Full moon 20 day, 46 min. past 10 at night

Last quarter 28 day, 25 min. past 6 at night.

1	e	Amphitheatrus	Aries	17	20	59	
2	f	Corpus Christi	Taur.	1	21	56	
3	g	Term begins		16	22	53	Turbulent weather with
4	a	Petroch	Gem.	1	23	50	thunder begins the
5	b	1 sun. af. Trin.		16	24	47	month.
6	c	Octab. Trin.	Canc.	1	25	45	♂ ⊖ ♀ 3. p.
7	d	Paulinus		16	26	12	
8	e	William Bish	Leo	1	27	39	
9	f	Felicianus		16	28	36	
10	g	Margaret	Virg.	0	29	33	D ♂.
11	a	S. Barnabas		13	0	30	
12	b	2 Sun. af. Trin.	Libra	27	1	27	⊕ ⊖ ♀ 11. p.
13	c	Quind. Trin.		9	2	24	♂ ♀ ♀ 12. p.
14	d	Basil magnus	Scorp.	22	3	21	Hot stormy
15	e	Modestus		4	4	18	Weather.
16	f	Richard		16	5	15	
17	g	Wotolph	Sagit.	28	6	12	
18	a	Marcus		10	7	9	♂ ⊖ ♀ 4. p.
19	b	3 Sun. af. Trin.	Capric.	22	8	6	
20	c	Tref. Trin.		3	9	3	
21	d	Walburg		16	10	1	⊕ ♀ ♂ ♂.
22	e	Term ends	Aquar.	28	10	58	Pretty tempe-
23	f	Paulinus		9	11	55	rates, but
24	g	S. John Bpt.	Pisces	22	12	52	windy and
25	a	Amphitheatrus		4	13	49	showery.
26	b	4 Sun. af. Trin.	Aries	17	14	46	D ♂.
27	c	Letianus		0	15	43	♂ ♀ ♀ 8. 2.
28	d	Leo II. Pepe		13	16	40	
29	e	S. Pet. & Pau		26	17	37	
30	f	Com. S. Paul	Taur.	10	18	34	

Not long the gay Fields will thus verdant be;
 But soon a change you'll find, and quickly see,
 The flowers to decay, the grass to fade,
 Which into wither'd hay is timely made.

1	3	45	8	14
2	3	45	8	15
3	3	45	8	15
4	3	45	8	15
5	3	44	8	16
6	3	44	8	16
7	3	44	8	16
8	3	43	8	17
9	3	43	8	17
10	3	43	8	17
11	3	43	8	17
12	3	43	8	17
13	3	43	8	17
14	3	43	8	17
15	3	43	8	17
16	3	44	8	16
17	3	44	8	16
18	3	44	8	16
19	3	45	8	15
20	3	45	8	15
21	3	45	8	15
22	3	46	8	14
23	3	46	8	14
24	3	46	8	14
25	3	47	8	13
26	3	47	8	13
27	3	48	8	12
28	3	49	8	11
29	3	50	8	10
30	3	51	8	9

June 1681.

July hath xxxi days.

New moon 5 day, 42 min. past 9 before noon
 First quarter 12 day, 41 min. past 10 before noon
 Full moon 20 day, 19 min. past 1 afternoon
 Last quarter 28 day, 26 min. past 2 in the morning.

1	g	Romuald B.	Taur.	25	19 31			
2	a	Visit. Mary	Gem.	9	20 28	* ♂ ♀ 5. p.		
3	b	5 Sun. af. Trin.		24	21 25	Moist poultry		
4	c	Witius	Canc.	9	22 23	Weather but		
5	d	Ancelmus		24	23 20	holds not long.		
6	e	Serburga	Leo	9	24 17	Stormy now.		
7	f	Tr. Thom. C.		24	25 14	With thunder.		
8	g	Grimbold A.	Virg.	8	26 11	D 8. 0 h 08. p		
9	a	Edtiburg		22	27 9	Temperate		
10	b	6 Sun. af. Trin.	Libra	5	28 6	and clear.		
11	c	Pius P. & M.		18	29 3			
12	d	Sun in Leo	Scorp.	1	0 0	♀ Stat. ad di.		
13	e	Anacletus		13	0 57			
14	f	Benavent.		25	1 55	More hot now		
15	g	Hwithin B.	Sagit.	7	2 52	with thunder.		
16	a	Osmond		19	3 49			
17	b	7 Sun. af. Trin.	Capr.	0	4 46	* ♀ ♀ 3. p.		
18	c	Rosina		12	5 44			
19	d	Dog days beg.		24	6 41	Windy with		
20	e	Margaret	Aquar.	6	7 38	rain.		
21	f	Daniel		19	8 36			
22	g	Mary Mag.	Pisces	1	9 33	D ♀.		
23	a	Apollinaris		14	10 30	* ♂ ♀ 5. a.		
24	b	8 Sun. af. Trin.		27	11 28			
25	c	S. James Apo.	Aries	10	12 25	Not very hot		
26	d	Anna		23	13 23	now, but very		
27	e	Joseph Arim.	Taur.	7	14 20	changeable.		
28	f	Celsus		20	15 18			
29	g	Martha	Gem.	4	16 15			
30	a	Bbdon		19	17 13			
31	b	9 aft. Trin.	Canc.	3	18 10			

Now fields are white to Harvest, forth you go
 With sythes and sickles; to reap down and mow:
 So the fading flower of Earth's glory must
 Be mowed down, and level'd with the dust.

1	3	53	8	7
2	3	54	8	6
3	3	55	8	5
4	3	56	8	4
5	3	57	8	3
6	3	58	8	2
7	3	59	8	1
8	4	0	8	0
9	4	1	7	59
10	4	3	7	57
11	4	4	7	56
12	4	5	7	55
13	4	7	7	53
14	4	8	7	52
15	4	10	7	50
16	4	11	7	49
17	4	13	7	47
18	4	15	7	45
19	4	17	7	43
20	4	19	7	41
21	4	21	7	39
22	4	22	7	38
23	4	24	7	36
24	4	26	7	34
25	4	27	7	33
26	4	29	7	31
27	4	30	7	30
28	4	32	7	28
29	4	33	7	27
30	4	35	7	25
31	4	37	7	23

July 1681.

August hath xxxi days.

New moon 3 day, 58 min. past 4 afternoon
 First quarter 11 day, 4 min. past 12 in the morning
 Full moon 19 day, 49 min. past 2 in the morning
 Last quarter 26 day, 8 min. past 8 in the morning.

1	C	Lammas day	Canc.	18	19	8	Hot moist
2	B	Stephanus	Leo	3	20	6	weather at the
3	E	Invent. Steph.		18	21	3	beginning.
4	F	Dominicks	Virg.	2	22	1	D ♂.
5	G	Martin		16	23	59	Heat abates
6	A	Eugenius	Libra	0	23	56	now.
7	H	10 after Trin.		13	24	54	♂ ♀ 11. p.
8	C	Cypriacus		26	25	52	Clear and
9	D	Julian	Scorp.	9	26	50	temperate.
10	E	Lawrence		21	27	47	
11	F	Gilbert B. C.	Sagit.	3	28	45	
12	G	Clare Virg.		15	29	43	♀ Stat. ad Rx.
13	A	Sun in Virgo		27	on	41	☿ ℗ 7. p.
14	H	11 after Trin.	Capr.	9	1	39	☿ ⊕ ♂ 6. p.
15	C	Nicodemus		21	2	37	* ♀ ♀ 8. m.
16	D	Edith	Aquar.	3	3	35	
17	E	Lambert		15	4	32	Very hot now
18	F	Victor		27	5	31	with thunder.
19	G	Clintach	Pisces	10	6	29	D ♀.
20	A	Bernard		23	7	27	
21	H	12 after Trin.	Aries	7	8	25	* ♀ ♀ 5. a.
22	C	Timothy		20	9	23	
23	D	Zacharias fast	Taur.	3	10	22	Dry and
24	E	S. Bartholom.		17	11	20	windy toward
25	F	Lewis King	Gem.	1	12	18	the end.
26	G	Zophertue		15	13	16	* ⊕ ♀ 10. p.
27	A	Rufus		29	14	15	
28	H	Dog days end	Canc.	13	15	13	
29	C	Decol. J. Bap.		28	16	12	
30	D	Tecla Virg.	Leo	12	17	10	
31	E	Adrian		26	18	8	

New Harve's almost in, the Countrys breast
 Is possest with joy, smiles their cheeks invest;
 They whoop and sing, as if that welcome Cart
 Drew home the very treasure of their heart.

1	4	38	7	22
2	4	39	7	21
3	4	41	7	19
4	4	43	7	17
5	4	44	7	16
6	4	46	7	14
7	4	48	7	12
8	4	50	7	10
9	4	52	7	8
10	4	54	7	6
11	4	56	7	4
12	4	58	7	2
13	5	0	7	0
14	5	2	6	58
15	5	4	6	56
16	5	6	6	54
17	5	8	6	52
18	5	10	6	50
19	5	12	6	48
20	5	14	6	46
21	5	16	6	44
22	5	18	6	42
23	5	20	6	40
24	5	22	6	38
25	5	24	6	36
26	5	26	6	34
27	5	28	6	32
28	5	30	6	30
29	5	32	6	28
30	5	34	6	26
31	5	36	6	24

August 1681.

September hath xxx days.

New moon 2 day, 44 min. past 2 in the morning.

First quarter 9 day, 8 min. past 8 at night.

Full moon 17 day, 6 min. past 4 afternoon.

Last quarter 24 day, 4 min. past 1 afternoon.

1	f	Siles Abbot	Virgo	11	19	7	♂ h ♀ 4. p.
2	g	Adamant		24	20	1	♀ Star. ad dir.
3	a	Euphemus	Libra	8	21	4	△ ♀ ♂ 4. a.
4	b	14 after Trin.		21	22	3	Showery Weather
5	c	Vigorinus	Scorp.	4	23	1	at the be-
6	d	Magnus		17	24	0	ginning and
7	e	Dunstan		29	24	59	pretty warm.
8	f	Nat. of Mary	Sagit.	11	25	17	
9	g	Gorgonius		23	26	56	
10	a	Nicholas	Capr.	5	27	55	Windy and
11	b	15 after Trin.		17	28	54	boisterous a-
12	c	Enswide		28	29	53	bout this
13	d	sun in Libri	Aquar.	11	0	52	time.
14	e	Exalt Crucis		23	1	51	
15	f	Hecomedes	Pisces	6	2	50	○ ♀ .
16	g	Euphemia		19	3	49	* ♂ ○ 19. p.
17	a	Lambert	Aries	2	4	48	* ♀ ♀ 9. a.
18	b	16 after Trin.		16	5	47	
19	c	Januarius	Taur.	0	6	46	
20	d	Fausta		14	7	45	
21	e	Ember week	5. Math		8	44	Stormy and
22	f	Maurice	Gem.	12	9	44	Something
23	g	Edwas		26	10	43	cold about
24	a	Winibald	Canc.	10	11	42	*
25	b	17 after Trin.		24	12	42	the end.
26	c	Cyprian	Leo	8	13	41	
27	d	Cel. & Dam.		22	14	41	
28	e	Lioba	Virgo	6	15	40	D. ♂. □ ♂ ♀.
29	f	S. Michael Arch.		20	16	40	
30	g	Jerome P.	Libra	3	17	39	

Where's now Earth's beauty you did late admire ;
 The fields yield nought but stubble for the fire :
 Alas ! how soon sweet Summer days are gone ;
 Sol apace declines, Winter that comes on.

1	5	38	6	22
2	5	40	6	20
3	5	42	6	18
4	5	44	6	16
5	5	46	6	14
6	5	48	6	12
7	5	50	6	10
8	5	52	6	8
9	5	54	6	6
10	5	56	6	4
11	5	58	6	2
12	5	59	6	1
13	6	0	6	0
14	6	2	5	58
15	6	4	5	56
16	6	6	5	54
17	6	8	5	52
18	6	10	5	50
19	6	12	5	48
20	6	14	5	46
21	6	16	5	44
22	6	18	5	42
23	6	20	5	40
24	6	22	5	38
25	6	24	5	36
26	6	26	5	34
27	6	28	5	32
28	6	30	5	30
29	6	32	5	28
30	6	34	5	26

September 1681.

October hath xxxi days.

New moon 1 day, 10 min. past 3 afternoon
 First quarter 9 day, 21 min. past 3 afternoon
 Full moon 17 day, 5 min. past 2 in the morning
 Last quarter 23 day, 2 min. past 8 at night
 New moon 31 day, 44 min. past 6 in the morning.

1	a	Momigius	Libra	16	18 39	■ ♀ ⊖ 1. p.
2	b	18 after Trin.	Scorp.	○	19 38	△ h ♂ 2. p.
3	c	Gerrard Ab.		12	20 38	□ ♀ ♀ 3. p.
4	d	Francis		25	21 38	
5	e	Placidus	Sagit.	7	22 37	♂ ⊕ ♀ 9. p.
6	f	Beuno		19	23 37	Windy wet
7	g	Mark	Capr.	1	24 37	weather begins
8	a	Demetrious		13	25 37	the month.
9	b	19 after Trin.		25	26 37	
10	c	Panlin B. Y.	Aquar.	6	27 36	Boisterous &
11	d	Wurckhard		19	28 36	very like to
12	e	Wilfred	Pisces	1	29 36	D ♀.
13	f	Sun in Scorp.		14	0m 36	* ♀ ♀ 6. p.
14	g	Calixtus		27	1 36	snow.
15	a	Teresa	Aries	10	2 36	
16	b	20 after Trin.		24	3 37	
17	c	Florence	Taur.	8	4 37	
18	d	S. Luke Evan.		23	5 37	
19	e	Ptolemy	Gem.	7	6 37	■ h ⊖ 2.
20	f	Tref. Mich.		22	7 37	△ ♀ ⊖ 17. p.
21	g	Ursula	Canc.	7	8 38	Now expect
22	a	Cordula		21	9 38	cold rainy
23	b	21 after Trin.	Leo	5	10 38	weather to the
24	c	Term begins		19	11 39	end.
25	d	Crispine	Virgo	3	12 39	D ♀.
26	e	Evaristus		16	13 39	
27	f	Mens.mich.fa.		29	14 40	* h ♀ 14 p.
28	g	Sime. & Jude	Libra	13	15 40	
29	a	Marcissus		25	16 41	
30	b	22 after Trin.	Scorp.	8	17 41	
31	c	Quintine		21	18 42	

Dame *Tellus* now her Summers store resigns
 Unto dear Autumn; Frost and Snow combine
 Fields to disrobe, the forlorn trees to bare,
 And tawny twiggs to cloath with hoary hair.

1	6	39	5	21
2	6	41	5	19
3	6	43	5	17
4	6	45	5	15
5	6	47	5	13
6	6	49	5	11
7	6	50	5	10
8	6	52	5	8
9	6	54	5	6
10	6	56	5	4
11	6	58	5	2
12	7	0	5	0
13	7	2	4	58
14	7	4	4	56
15	7	6	4	54
16	7	8	4	52
17	7	10	4	50
18	7	12	4	48
19	7	14	4	46
20	7	16	4	44
21	7	17	4	43
22	7	19	4	41
23	7	20	4	40
24	7	22	4	38
25	7	24	4	36
26	7	25	4	35
27	7	27	4	33
28	7	29	4	31
29	7	30	4	30
30	7	32	4	28
31	7	33	4	27

October 1681.

'November hath xxx days.

First quarter 8 day, 39 min. past 10 in the morning

Full moon 15 day, 9 min. past 4 afternoon

Last quarter 22 day, 51 min. past 5 in the morning

New moon 30 day, 57 min. past 12 in the morning.

1	D	All Saints	Sagit.	3	19 43	△ ♐ ⊙ 14. p.
2	E	All souls		15	20 43	☒ Stat.ad Rx.
3	F	Craft. Anim.		27	21 44	△ h ♀ 9. a
4	G	Winifride	Capr.	9	22 44	Variable and
5	A	Powder day		21	23 45	uncertain
6	B	23 after Trin.	Aquar.	3	24 46	weather, but
7	C	Wldeborode		15	25 47	h Stat. ad Rx.
8	D	Claudius		27	26 47	□ ☒ ♀ 5. a.
9	E	Theodoze	Pisces	9	27 48	D ♀.
10	F	Erastus		22	28 49	cold & frosty.
11	G	Martine	Aries	5	29 50	
12	A	Craft. Mart.	Sun in ♈	0	0 51	
13	B	24 after Trin.	Saur.	2	1 52	
14	C	Lawrence		17	2 53	
15	D	Leopold	Gem.	1	3 54	
16	E	Edmond		16	4 55	Cold rain or
17	F	Hugh	Canc.	1	5 56	snow.
18	G	Ostab. Mart.		16	6 57	△ h ⊙ 0.
19	A	Pontion	Leo	1	7 58	
20	B	25 after Trin.		15	8 59	
21	C	Present Mary	Virgo	0	10 0	☒ h ♀ 7. p.
22	D	Cecily Virg.		13	11 1	Tempestuous
23	E	Clement		26	12 2	about this
24	F	Chrysogonus	Libra	10	13 3	time, but not
25	G	Quind. Mart.		22	14 4	very cold.
26	A	Peter	Scorp.	5	15 5	♀ Stat.ad Rx.
27	B	Advent Sund.		17	16 6	
28	C	Term ends	Sagit.	0	17 7	8☒♂ 11. p.
29	D	Saturnus		11	18 8	
30	E	S. Andrew		24	19 9	

Winter's oft compar'd to Adversity,
 When mirth is banisht, and no room for joy
 Is left; but sure in Winter there remains
 Some heart cheering fruit of kind Summer gains.

1	7	35	4	25
2	7	37	4	23
3	7	39	4	21
4	7	41	4	19
5	7	43	4	17
6	7	45	4	15
7	7	47	4	13
8	7	49	4	11
9	7	51	4	9
10	7	52	4	8
11	7	54	4	6
12	7	55	4	5
13	7	57	4	3
14	7	59	4	2
15	8	0	4	0
16	8	1	3	59
17	8	2	3	58
18	8	3	3	57
19	8	4	3	56
20	8	5	3	55
21	8	6	3	54
22	8	7	3	53
23	8	8	3	52
24	8	9	3	51
25	8	10	3	50
26	8	11	3	49
27	8	12	3	48
28	8	13	3	47
29	8	13	3	47
30	8	14	3	46

November 1681.

December hath xxxi days.

First quarter 8 day, 37 min. past 4 in the morning
 Full moon 15 day, 53 min. past 1 in the morning
 Last quarter 21 day, 9 min. past 8 at night
 New moon 29 day, 27 min. past 8 at night.

1	f	Daniel	Capr.	6	20 11	$\Delta \mathbb{X} \mathfrak{F}$ 8. a.
2	s	Ithane		18	21 12	Not very cold
3	a	Aeneus King		29	22 13	for the season.
4	W	2 sun. in Adv.	Aquar.	11	23 15	* $\delta \mathfrak{F}$ o.
5	c	Hebbas		23	24 16	
6	d	Nicholaus	Pisces	5	25 17	D U.
7	e	Ambrose		18	26 18	
8	f	Conce. of M.	Aries	0	27 20	
9	s	Leocadia		13	28 21	
10	a	Melchiades		27	29 22	
11	W	3 sun. in Ad.	Taur.	10	0 23	Good season-
12	e	Elfrede		25	1 25	able weather.
13	d	Lucia	Gem.	9	2 26	
14	e	Ember week		25	3 27	
15	f	Hilda Abbess	Cane.	10	4 29	$\Delta \mathbb{h} \mathfrak{F}$ 2. a.
16	s	O Sapientia		25	5 30	
17	a	Anantas	Leo	10	6 31	
18	W	4 sun. in Ad.		25	7 33	\mathfrak{g} Seat. ad dir.
19	c	Hemethius	Virgo	10	8 34	D o.
20	d	Julianus fa.		23	9 35	Cold gloomy
21	e	S. Thomas	Libra	6	10 36	dark weather
22	f	Theodosius		19	11 38	with snow.
23	s	Urgozia	Scorp.	2	12 39	
24	a	3 d. g. Eb. fa.		14	13 40	
25	z	Christ's birth		27	14 42	Windy and
26	c	S. Stephen	Sagit.	9	15 43	$\mathfrak{g} \mathbb{O} \mathbb{X}$ 11. a.
27	d	S. John		21	16 44	frosty to the
28	e	Innocens	Capr.	3	17 45	end.
29	f	Tho. Becket		14	18 47	
30	s	Eustachius		26	19 48	
31	a	Silvester.	Aquar.	8	20 49	

Hym the crazy earth with moisture fills,
 And with his cold her Vegetables kills;
 Which though nipt with cold yet of it there's need
 Vermin to destroy, and she noxious weed.

1	8	14	3	46
2	8	14	3	46
3	8	15	3	45
4	8	15	3	45
5	8	15	3	45
6	8	16	3	44
7	8	16	3	44
8	8	16	3	44
9	8	17	3	43
10	8	17	3	43
11	8	17	3	43
12	8	17	3	43
13	8	17	3	43
14	8	17	3	43
15	8	17	3	43
16	8	16	3	44
17	8	16	3	44
18	8	16	3	44
19	8	15	3	45
20	8	15	3	45
21	8	15	3	45
22	8	14	3	46
23	8	14	3	46
24	8	13	3	47
25	8	12	3	48
26	8	11	3	49
27	8	10	3	50
28	8	9	3	51
29	8	8	3	52
30	8	7	3	53
31	8	6	3	54

December 1681.

Dove 1681.

A Regal Table in a more exact manner.

The Year, Moneth, and Day,
(accounting the Year to begin Jan. 1.) whereon every
K. and Q. of Eng. since the
Conq. began their reign.

The number of
Years, Moneths.
& Days, that e-
ry K. & Q. reign.
28 da. to a mon.

The num. of y.
expired in this y.
since they began
to reign : as also
since they ended.

K. W. Conq.	1066	Octob. 14	20 y	11 m	22 d	615	
W. Rufus	1087	Sept. 9	12 y	11 m	18 d	594	W. Conq.
Henry	1100	August 1	35 y	4 m	11 d	581	W. Rufus
Stephen	1134	Decem. 2	18 y	11 m	18 d	546	Henry
Henry	1154	Octob. 25	34 y	9 m	2 d	527	Stephen
Richard	1189	July 6	9 y	9 m	0 d	492	Henry
John	1199	April 6	17 y	7 m	0 d	482	Richard
Henry	1216	Octob. 19	56 y	1 m	0 d	465	John
Edward	1272	Nov. 16	34 y	8 m	6 d	409	Henry
Edward	1307	July 7	19 y	7 m	5 d	374	Edward
Edward	1327	Jan. 25	50 y	5 m	7 d	355	Edward
Richard	1377	June 21	22 y	3 m	14 d	304	Edward
Henry	1399	Sept. 29	13 y	6 m	3 d	282	Richard
Henry	1413	Marc. 20	9 y	5 m	24 d	268	Henry
Henry	1422	Aug. 31	38 y	6 m	16 d	259	Henry
Edward	1461	March 4	22 y	1 m	8 d	221	Henry
Edward	1483	April 9	0 y	2 m	18 d	198	Edward
Richard	1483	June 22	2 y	2 m	5 d	198	Edward
Henry	1485	Aug. 22	23 y	10 m	24 d	196	Richard
Henry	1509	April 22	37 y	10 m	2 d	172	Henry
Edward	1547	Jan. 28	6 y	5 m	19 d	135	Henry
Q. Mary	1553	July 6	5 y	4 m	22 d	128	Edward
Q. Elizab.	1558	Nov. 17	44 y	4 m	15 d	123	Q. Mary
K. James	1603	Mar. 24	22 y	0 m	3 d	79	Q. Elizab.
Charles	1625	Mar. 27	22 y	10 m	3 d	56	K. James
Charles	1649	Jan. 30	Longlive the King			32	K. Charles

The use of this Table in Example.

King Henry 8 began his Reig. in the year of Christ 1509, April 22. He Reigned 37 years, 10 moneths, and 2 days. It is since he began his Reign 172 years compleat the 22 of April this year 1681. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall there find 135 years since he died, January 28. And so of the rest.

DOVE.

Dove 1681.
The latter part of this
ALMANACK
For the year of our
Lord God 1681:

Being the first after Bissextile or
Leap-year.

Wherein are contained the Eclipses
a Tide-Table, the Numbers, Weights, and
Measures used in England; a brief Table
of Accounts exemplified in its uses, a Ta-
ble of Interest, and a Table shewing the
distance of all the chief Towns in England
and Wales each from other, and their si-
tuation from London.

Quoniam videbo Cælos tuos opera digitorum tuo-
rum: Lunam & Stellas quæ tu fundasti, q:uid est
homo, quod memores ejus? aut filius hominis, quo-
niam visitas eum. Psal. 8. 3.

C A M B R I D G E,
Printed by John Hayes, Printer to the
University, 1681.

Dove 1681.

Of the Eclipses this year.

FOUR ECLIPSES will happen this year, viz. two of the Sun, and two of the Moon, but there will be but one visible to us in these Islands, and that will be the latter Eclipse of the Moon.

The first Eclipse will be of the Moon, February the 22 day, in 15 degrees of *Virgo*, at 11 beforenoon, and will be visible to our *Antipodes*.

The second Eclipse will be of the Sun, March the 10 day, at one in the morning, and therefore cannot be seen by us: it happens in the beginning of *Aries*, and will shew it self to our *Antipodes*.

The third will be of the Moon, August the 19 day, about 3 in the morning, which will be visible to us, and we may behold above 10 digits of the Moons body Eclipsed, it falls in 6 degrees of *Pisces*.

The fourth and last Eclipse will be of the Sun, September the 2 day, at 3 in the morning, in 20 degrees of *Virgo* which cannot be seen by us, and will be but small where most visible.

The most material Aspects, Characters and Qualities of the Planets.

○ Conjunction	Sig. gra.	h	Saturn	Cold and dry
* Sextile	is	2 60	♃ Jupiter	Hot and moist
▢ Quartile		3 90	♂ Mars	Hot and dry
△ Trine		4 120	○ Sol	Hot dry temperate
♂ Opposition		5 180	♀ Venus	Cold & moist temp.
☊ Dragons h.			☿ Mercury	Cold and dry variable
☋ Dragons tail			☽ Luna	Cold and moist.

Dove 1681.

A Table whereby you may find the time of highwater at many Havens in and about England, and how many hours and minutes are to be added to the time of the Moons coming to the South for the time of high water, and likewise what Moon makes a full Sea at those Havens.

South and North	Quinborough, Southampton, Ports- mouth, Isle of Wight, Spits, Kentish- knock.	Ho. M
S. by w.	Rochester, Malden, Aberdeen, Redband.	o 45
S. S. w.	Gravesen Downs, Rummey, Tenny, Silly.	1 30
S w. by S	Dundee S. Andr. S Lucas, Bell Isle, Holy Isl.	2 15
S. w.	Lond. Tymout, Hartpool, Whitebay, Ams.	3 o
S. w by w.	Barwic, Flambrough-h. Bridlington bay.	3 45
W. S. w.	Scarboroug, Severn, Mounts Bay, Kingsale.	4 30
W. by S.	Newcast. Humber, Falmouth, Dartmout.	5 15
E. and w	Plimouth, Weymou. Hull, Lyn, Antwerp.	6 o
E. by S.	Bristol, Foulness at the start.	6 45
E. S. E.	Milford, Bridge w. Landsen. Waterford.	7 30
SE. by E.	Portlan, Peterport, Harflew, Hague, Dubl.	8 15
S. E.	Pool, S. Hellen Orkney, Catnes, Man Isle,	9 o
SE. by S.	Needles, Iaisto, North & South forelands	9 45
S. S. E.	Yarmout, Dover, Harwich, Calice-Road.	10 30
S by E.	Ry, Winchelsey, Gorce, Thames, Rhodes.	11 15
Moons	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Moon
age.	16 17 18 19 20 21 22 23 24 25 29 27 28 2 30	age
is South	12 1 2 3 4 5 6 7 8 8 9 10 11 12	H.
at	48 36 24 12 0 48 36 24 12 0 48 36 24 12 0	M.

The Tide Table Explained.

IN the first Column you have the point of the Compas to the which the Moon coming maketh full Sea at those Havens mentioned in the second Column, and in

Dove 1681.

the third Column are the hours and minutes to be added to the time of the Moons southing, I shall make it plain by an example.

The 23 of February, this year 1681 I would know at what hour it will be full Sea at London-bridge. First I find the Moons age in the former part of the Almanack, (accounting it from the Change) to be 15 days old, which age I find at the bottom of the Tide table, and under the same 13 hours, the time of the Moons coming to the South, then finding in the first Column that a South-west Moon makes full Sea at London. I add to her southing 3 hours as is shewed in the last Column, and it makes 15 hours, from whence I take 12 for midnight & there remains 3 hours in the morning, the time of full Sea at London-Bridge; also observe that when the Moon cometh to the contrary (or North-east) point it is there full Sea again.

*Of some measures, weights, and numbers
used in England.*

A Le and Beer is measured by Pints, Quarts, Pottles, Gallons, Firkins, Kilderkins, and Barrels; yet with this difference, that the Barrel of Beer contains 36 Gallons, the Barrel of Ale but 32 Gallons.

First therefore you are to understand, that in Beer-measure one Barrel is 2 Kilderkins, 4 Firkins, 36 Gallons, 72 Pottles, 144 quarts, 288 Pints.

Secondly, one Kilderkin is 2 Firkins, 18 Gallons, 36 Pottles, 72 Quarts, or 144 Pints.

Thirdly, one Firkin is 9 Gallons, 18 Pottles, 36 Quarts, 72 Pints.

Fourthly,

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Fourthly, 1 Gallon is 2 Pottles, 4 Quarts, or 8 Pints.

Fifthly, 1 Pottle is 2 Quarts, 4 Pints. One Quart is 2 Pints.

But in Ale measure, one Barrel is 2 Kilderkins, 4 Firkins, 32 Gallons, 64 Pottles, 128 Quarts, 256 Pints.

Secondly, 1 Kilderkin is 2 Firkins, 16 Gallons, 32 Pottles, 64 Quarts, or 128 Pints.

Thirdly, 1 Firkin is 8 Gallons, 16 Pottles, 32 Quarts, or 64 Pints.

Fourthly, 1 Gallon is 2 Pottles, 4 Quarts, 8 Pints.

Fifthly, 1 Pottle is 2 Quarts, or 4 Pints 1 Quart 2 Pints.

Of Wine, oyl, and honey.

A Gallon of Wine contains 8 pound Troy-weight, by which the following vessels are measured; namely, 1 Tun makes 2 Butts, 4 Hogsheads, 8 Barrels, 14 Rundlets, 25 1 Gallons, 504 Pottles, 1008 Quarts, or 2016 Pints.

Secondly, 1 Butt or Pipe is 2 Hogsheads, 4 Barrels, 7 Rundlets, 126 Gallons, 252 Pottles, 504 Quarts, or 1008 Pints.

Thirdly, 1 Hogshead makes 2 Barrels, 3 Rundlets & an half, 63 Gallons, 126 Pottles, 252 Quarts or 504 Pints.

Fourthly, 1 Barrel makes 1 Rundlet & 3 parts, 1 Gallons and an half, 63 Pottles, 126 Quarts, 252 Pints.

Fifthly, 1 Rundlet is 18 Gallons, 36 Pottles, 64 Quarts or 128 Pints. Lastly, 1 Gallon is 2 Pottles, 4 Quarts, or 8 Pints.

Of grain.

All sort of Grain is measured by Troy-weight, whereof 8 pounds make a Gallon, of which are made the following measures of Pints, Quarts, Gallons Pecks, and Bushels.

First you are to know, that the greatest measure of any kind

Dove 1681.

kind of Grain is a Last, which contains 10 Quarters, 20 Cornooks, or Coombs, 40 Strikes, 80 Bushels, 320 Pecks 640 Gallons, 2560 Quarts, or 5120 Pints.

Secondly, 1 Quarter makes 2 Cornooks, 4 Strikes, 8 Bushels 32 Pecks, 64 Gallons, 256 Quarts, or 512 Pints.

Thirdly, 1 Strike is 2 Bushels, 8 Pecks, 16 Gallons, 32 Pottles, 64 Quarts, or 128 Pints.

Fourthly, one Bushel is 4 Pecks, 8 Gallons, 16 Pottles, 32 Quarts, or 64 Pints.

Fifthly, 1 Peck is 2 Gallons, 4 Pottles, 8 Quarts, or 16 Pints.

Of Iron and Lead.

Iron is numbered by the pound, hundred, and Tun; and Lead by the pound, hundred, and Fodder. One Tun of Iron is 20 hundred, or 2240 pound; and an hundred weight is 112 pound.

Again, 1 Fodder of Lead is 19 hundred and an half, and an hundred weight is 112 pound.

And here also take notice, that Tin, Copper, and Lattin have 112 pounds to the hundred.

Of Fish.

Ling, Cod, or Haberdine, have 124 to the hundred; Stock-Fish and Herring 110 to the hundred, and 10000 to the Butt, which is 12 Ale Barrels. Some Statutes measure Salmons, and Eels by Ale measure.

Of Furs.

Grays, Martins, Sables, Jenits, Minks, and Filches, have 4 skins in the Timber. Lamb, Coney, Kid, Cat and Budge, have five score in the hundred.

Calves skins are reckoned by the dozen, and Goats by the kip, which is 50 skins. A Last of Leather is 20 Dickeres, or 200 Hides, a Dicker is 10 Hides.

of

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Of Paper and Parchment.

A Bale of Paper is 10 Ream, or 200 Quires; a Ream is 20 Quires, or 500 Sheets; a Quire is 25 Sheets. A Rowl of Parchment is 5 dozen, or 60 Skins; a dozen is 12 Skins.

Of Wooll.

A Stone of Wooll is 14 pound, a Tod 28 pound; 6 Tods and an half make a Wey, which is 18½ pound: two Weyes make a Sack or 364 pound; and 12 Sacks make a Last, which is 4368 pound: so that a Sack of Wooll contains 26 Stone, and a Last 256 Tods, or 312 Stone.

Of a year.

A N exact solar year contains 365 days, 5 hours, 49 minutes, and 4 seconds: otherwise it contains 12 solar moneths, 52 weeks, 365 days 8765 hours, or 525949 minutes.

Of Weights in general.

O F Weights there are two sorts used in England, viz. Troy weight and Avoirdupois. In Troy weight 24 grains of wheat make a penny weight, 20 penny weight make an ounce, 12 ounces a pound, by this weight are weighed Pearls, pretious Stones, Gold, Silver, Bread, and all manner of Corn and Grain.

The pound Avoirdupois contains 16 ounces, but the ounce Avoirdupois is lighter then the ounce Troy by almost one 12 part, so that 60 pound Avoirdupois is equal to 73 pound Troy; by this weight is Weighed all Grocery-ware, Flesh, Butter; Cheese, Iron, Hemp, Tallow, Wax, Lead; and all things wherof comes waste.

A Table of Accounts.

The Price of Commodity by the Tun, Hundred,
Pound, Ounce, Dozen, Yard, Ell, &c.

The Quantity of the Commodity to be bought or sold.

	1 Farth.	1 Penny.	3 Pence.	4 Pence.	10 Pence.
	c. d. q.	l. s. d.	. s. d.	l. s. d.	l. s. d.
1	0 0 0	1 0 0	1 0 0	0 0 4	0 0 10
2	0 0 0	2 0 0	2 0 0	0 8 0	1 8 0
3	0 0 0	3 0 0	3 0 0	1 0 0	2 6 0
4	0 0 1	0 0 0	4 0 1	1 4 0	3 4 0
5	0 0 1	1 0 0	5 0 1	1 8 0	4 2 0
6	0 0 1	2 0 0	6 0 1	2 0 0	5 0 0
7	0 0 1	3 0 0	7 0 1	3 4 0	5 10 0
8	0 0 2	0 0 0	8 0 2	2 8 0	6 8 0
9	0 0 2	1 0 0	9 0 2	3 0 0	7 6 0
10	0 0 3	3 0 0	10 0 2	3 4 0	8 4 0
20	0 0 5	0 0 1	8 0 5	6 8 0	16 8 0
30	0 0 7	2 0 2	6 0 7	0 1 0	5 0 0
40	0 0 10	0 0 3	4 0 10	13 4 1	13 4 1
50	0 0 10	2 0 4	3 0 12	16 8 2	1 8 0
60	0 0 13	0 0 5	0 0 15	0 0 2	10 0 0
70	0 0 15	2 0 5	10 0 17	3 4 2	18 4 0
80	0 0 18	0 0 6	8 0 10	6 8 3	6 8 3
90	0 0 18	2 0 7	6 0 2	10 0 3	15 0 0
100	0 0 21	0 0 8	4 0 5	13 4 4	3 4 4
	1 Shill.	3 Shill.	5 Shill.	8 Shill.	1 Lib.
	l. s. d.				
1	0 1 0	0 3 0	0 5 0	0 8 0	1 0 0
2	0 2 0	0 6 0	0 10 0	0 16 0	2 0 0
3	0 3 0	0 9 0	0 15 0	1 4 0	3 0 0
4	0 4 0	0 12 0	1 0 0	1 12 0	4 0 0
5	0 5 0	0 15 0	1 5 0	2 0 0	5 0 0
6	0 6 0	0 18 0	1 10 0	2 8 0	6 0 0
7	0 7 0	1 1 0	1 15 0	2 16 0	7 0 0
8	0 8 0	1 4 0	2 0 0	3 4 0	8 0 0
9	0 9 0	1 7 0	2 5 0	3 12 0	9 0 0
10	0 10 0	1 10 0	2 10 0	4 0 0	10 0 0
20	0 1 0	3 0 0	5 0 0	8 0 0	20 0 0
30	0 1 0	4 10 0	7 10 0	12 0 0	30 0 0
40	0 2 0	6 0 0	10 0 0	16 0 0	40 0 0
50	0 2 0	7 10 0	12 10 0	20 0 0	50 0 0
60	0 3 0	9 0 0	15 0 0	24 0 0	60 0 0
7	0 3 0	10 0 0	17 10 0	28 0 0	70 0 0
80	0 4 0	0 2 0	10 0 0	32 0 0	80 0 0
90	0 4 0	10 0 3	10 0 22	36 0 0	90 0 0
100	0 5 0	0 0 0	25 0 0	40 0 0	100 0 0

The description and use of the foregoing Table.

THE Table consisteth of several Columns, the first Column towards the left hand contains the quantity of any Commodity bought or sold from 1 Pound, 1 Yard, 1 Ell, 1 Dozen, 1 Peck, 1 Bushell, 1 Pipe, 1 Barrel, &c. in this order beginning at 1 & ending at 100, at the top of the Table is the Price of any Commodity from 1 Farthing, the Pound, Yard, &c. to 10 pence, as 1 farthing, 1 penny, 3 pence, 4 pence, 10 pence: so likewise in the lowermost Columns from 1 shilling to 1 pound, as 1 shill. 3 shill. 5 shill. 1 pound but some examples will make it plain.

First then at 1^q the pound what will 70 pound weight comes to look in that col. that hath 1 farth. at the head thereof, & against 70 in the 1st col. you shall find 1s 5d 2^q & so much will 70 pound weight cost at 1 far. the pound, in like manner is to be done for any such like question.

Secondly suppose a pound, yard, &c. cost 1s 4d 1^q what will 50 cost? first look 50 in the first col. & right against it in that col. that hath 1^s on the head you will find 2^l 10^s 0^d then look in the Col. that hath 4^d over it and against 50 in the first Col. you shall find 0^l 16^s 8^d so likewise in the Col whose title is one farthing you shall find against 50 1^s 0^d 2^q write down these three summs and add them together thus

	l.	s.	d.	q.
thus may you see that 50 yards at 1s 4d 1 ^q	2	10	0	0
the yard will cost 3 ^l 7 ^s 8 ^d 2 ^q so 150 yards	0	16	8	0
will be three times so much 200, 4 times,	0	1	0	2

Suppose again 1 quart of any thing cost 5 pence or 9^d now these you will not find 3 7 8 2 in the Table but you may find 4^d & 1^d and 4^d 3^d and 1^d which doubled will make 9^d which write out severally and add them together, as for example at 5^d the pound what will 20 cost, look in the Col. whose title is 4^d and against 20 in the first Col. you will find 6^s 8^d and in the Col. whose title is 1 penny you will find 1 8

so much will 20 po. weight cost, the sum	8	4
at 5 ^d the pound, and if it be demanded what 150 pound		
will cost first look what 100 comes to, then 50 and add		
them together and you shall have your desire, and so for		
brevity sake is to be done for any the like question.		

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A plain and easie Table shewing the true Interest
due upon any sum of money from five shillings to an
hundred pounds, for a year or under, after the
rate of six pounds in the hundred.

	1 Mon.			3 Mon.			6 Mon.			9 Mon.			A year.		
	sh.	p.	q.	sh.	p.	q.									
5	0	0	1	0	0	3	0	1	3	0	1	2	0	3	2
10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	0
15	0	0	3	0	2	2	0	5	1	0	8	2	0	10	2
1	0	1	0	0	3	2	0	7	0	0	10	2	1	3	1
2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
3	0	3	2	0	1	2	1	9	1	2	7	3	3	6	3
4	0	6	3	1	2	1	3	4	2	3	6	3	4	9	0
5	0	4	0	1	6	0	3	0	0	4	6	0	6	0	0
6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
8	0	9	2	2	4	2	4	9	1	7	3	1	9	6	3
9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
	po	sh.	p.	po	sh.	p.									
10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Find the principal in the first Column, & in the other you have the interest due for one, three, six, nine, or twelve moneths.

A

A Table shewing the Distance of all the chief Towns
in *England*, and *Wales*, each from other; with
their Situation from *L O N D O N*.

Dove 1681.

	London	Windsor	Wicknpha.	Guildford	Dorchester	Oakham	Bath	Riflow	Bedford	Barwick	Canterbury	Chichester
York N.	150	140	108	155	150	73	150	150	104	108	169	170
Bangor N. w.	175	163	132	174	157	120	123	116	143	163	220	184
S. Alaph N. w.	160	145	113	157	150	99	114	107	123	153	200	170
S. Davids W.	190	172	152	176	122	162	108	100	169	250	235	175
Landaff W.	117	96	85	100	55	107	32	25	103	145	163	100
Harcford N.	18	25	32	37	108	58	85	9	22	232	56	61
Worcest. N.w.	87	74	46	83	87	55	46	45	61	204	134	95
Shnewsb. N.w.	122	107	76	118	116	70	77	72	86	176	164	130
Warw ck N.W.	72	61	28	74	99	33	60	61	40	196	15	90
Well. W.	100	79	78	79	29	107	16	16	94	263	140	74
Winchest. S.w.	55	37	55	31	47	92	43	52	68	268	84	26
Taunton S. w.	118	98	96	96	30	123	34	3	115	175	160	89
Stafford N. w.	107	96	63	110	122	48	83	80	71	168	149	126
Salisbury S. w.	70	53	61	48	33	96	28	36	77	266	111	42
Rochester S.E.	25	42	65	41	20	88	110	116	58	264	22	59
Peterbor. N.	61	62	37	76	131	16	97	100	25	188	92	100
Oxford N. w.	47	29	16	40	77	52	46	53	33	227	90	56
Norwich N.F.	80	91	85	102	174	70	150	150	66	202	78	125
Newcastle N.	200	200	168	216	195	134	205	200	164	48	227	225
Notting. N.w.	96	86	55	103	137	22	97	100	53	160	128	123
Northam. N.w.	52	44	13	59	105	25	72	75	15	204	93	80
Lancast. N.w.	179	166	133	180	192	105	150	150	134	100	211	198
Lincoln N.	100	96	69	113	158	33	124	122	62	151	126	135
Lichfield N.w.	95	85	52	99	117	37	77	75	60	174	138	116
Leicester N.w.	76	69	37	84	121	12	84	84	37	178	135	105
Launceston W.	170	150	148	147	73	173	85	81	165	304	210	134
Kendal N. w.	200	179	143	91	205	114	165	160	144	90	218	109
Ipswich N. E.	55	72	75	78	155	74	133	140	58	230	49	100
Huntington N.	47	49	30	64	125	26	92	97	14	202	80	87
Hereford N.w.	105	84	63	93	77	75	40	35	78	213	147	100

York

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	Chester	Coventry	Cambridge	Colchester	Carlisle	Darby	Durham	Exeter	Ely	Gloucester	Hereford	Huntington
York	75	85	114	133	80	59	48	263	96	123	18	94
Bangor	41	102	157	192	103	92	125	148	156	103	83	144
S. Asaph	20	83	136	172	94	71	107	147	138	90	73	123
S. Davids	108	134	188	220	189	144	207	91	191	108	90	176
Llandaff	93	80	123	150	190	100	190	50	129	41	35	114
Hartford	126	62	22	37	197	80	172	140	33	75	92	30
Worcester	62	28	78	113	153	48	145	100	84	18	20	68
Shrewsbury	27	46	103	137	123	45	123	120	103	52	37	90
Warwick	67	8	57	91	150	35	136	117	61	33	42	46
Wells	115	82	112	136	210	58	205	43	122	42	50	107
Winchester	133	79	80	95	223	106	209	85	91	56	76	80
Taunton	124	100	132	155	220	124	220	24	140	60	62	126
Stafford	33	31	84	120	120	23	111	132	83	54	47	72
Salisbury	127	79	92	111	220	107	208	68	103	48	45	90
Rochester	162	98	51	35	232	116	204	158	60	107	125	63
Peterborough	98	41	25	57	156	45	128	156	20	75	86	13
Oxford	100	40	50	77	185	67	169	105	60	35	55	46
Norwich	145	95	49	42	185	93	147	204	40	27	140	55
Newcastle	111	143	166	188	45	15	13	254	155	76	168	155
Nottingham	61	32	61	94	122	11	100	154	56	70	74	48
Northampton	90	26	33	66	164	45	144	131	38	50	64	23
Lancaster	50	102	144	176	46	78	57	194	138	26	14	130
Lincoln	80	54	62	88	121	35	92	178	53	94	98	50
Lit. hfield	45	20	74	109	127	19	115	128	73	49	46	61
Leicester	70	17	50	83	139	21	119	140	47	56	63	35
Launceston	152	145	183	208	244	116	253	33	191	107	602	177
Kendal	63	113	151	182	34	86	48	207	146	138	126	139
Ipswich	155	95	40	13	207	104	172	190	38	120	134	52
Huntington	105	44	13	48	170	55	142	153	25	72	86	
Hereford	64	47	98	129	160	65	156	85	10	20		

York

Dove 1681.

York

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	Peterbor.	Rochester	Salisbury	Stafford	Taunton	Wincheſter	Wells	Warwick	Shrewbur	Worceſter	Hartford	Llandaff	S. Davids	S. Asaph	Bangor
York	88	156	164	73	180	163	166	92	90	105	124	155	186	190	110
Pangor	136	200	150	72	133	160	129	104	57	90	163	102	86	23	
S. Asaph	15	80	139	52	130	145	123	85	40	75	143	197	99		
S. Davids	75	213	133	120	91	151	102	131	99	108	184	75			
Llandaff	117	140	59	82	31	75	30	73	69	52	113				
Hartford	42	36	75	92	118	61	98	60	108	78					
Worceſter	68	112	67	35	75	73	60	23	35						
Shrewbury	84	143	100	22	98	107	87	48							
Warwick	44	95	72	35	93	73	74								
Wells	114	120	32	95	21	50									
Wincheſter	91	72	18	105	65										
Taunton	134	139	49	110											
Stafford	64	125	101												
Salisbury	99	90													
Rochester	70														

The Explanation and use of the foregoing Tables.

The Tables consisting of four Pages, and foretelling more, are but one continued Table divided, by reason of the shortness, and narrowness of the Pages: on the sides and tops of each Page, are the names of all the chief Towns in *England*, and *Wales*, in an Alphabetical order, beginning on the sides at the bottom; where you shall find three or four at the bottom of the first Page irregular; *W.* being the beginning of the first Town, so likewise at the top of the second Page, you shall find the same irregularity, which are matters of no moment. To find the distance of two places, look for the names of the Places, the one on the sides the other on the top, and direct your eye right against the one, and right under the other, and the common angle of meeting will shew you the distance.

As for example, suppose you desire the distance between *Bristol* and *London*, right against *Bristol* and right

right under *London* you will find 95 which is the distance in miles sought for; suppose likewise you desire the distance between *Bristol* and *Dorchester*, right against the one, and right under the other, you will find 44 miles, the distance desired; suppose also the distance between *Cambridge* and *Barwick* be sought, look right against *Cambridge* and right under *Barwick*, and in the common angle of meeting you will find 213 miles, the distance sought: again suppose the distance between *Bristol* and *Chichester* be desired; now if you look *Bristol* on the side, in the first page, and *Chichester* on the top, you will see that the figures against *Bristol*, do not extend so far as to meet with those right under *Chichester*, they neither being continued so low as to close with those against *Bristol*; now therefore look *Bristol* on the top, and *Chichester* on the side, and you shall find right against *Chichester*, and right under *Bristol*, in the common angle of meeting 78 miles, the distance sought, and so is to be done in the like case for any other Places; if you find the figures do not meet, do but change the places of the Towns from the sides to the tops, or from the tops to the sides, and you shall not fail of their distance; as in the little Table in the first Page, if you desire the distance between *Carlile* and *Ely*, *Carlile* on the side and *Ely* on the top do not meet, then look *Carlile* on the top, and *Ely* on the side, and you shall find in the common angle of meeting 173 miles the distance sought: and if you find the name of one Place in one Page, and cannot find the other in the top of the same, or contrarily, look in the next Page, and you shall not fail.

There is lately published *thesaurus Lingue Sanctae Scripturæ; &c.* being a Concordantial Hebrew Lexicon, or Dictionary; in which all the Hebrew Lexicons are succinctly comprehended, and the whole Hebrew Concordance of every Word of the Hebrew Bible grammatically resolved, &c. By William Robertson A. M. To be sold by G. Sawbridge at the Bible on Ludgate-hill. London.

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